

Title (en)
CEMENT ADMIXTURE, AND CEMENT COMPOSITION AND CONCRETE CONTAINING THE CEMENT ADMIXTURE

Title (de)
ZEMENTZUSATZMITTEL UND ZEMENTZUSAMMENSETZUNG UND BETON DAMIT

Title (fr)
MÉLANGE DE CIMENT ET COMPOSITION DE CIMENT ET BÉTON CONTENANT LE MÉLANGE DE CIMENT

Publication
EP 2246315 A4 20131204 (EN)

Application
EP 09710317 A 20090213

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Abstract (en)
[origin: EP2246315A1] It is an object of the invention to provide a cement admixture that can form concrete having a sufficient self-healing capability and satisfactorily maintaining its self-healing capability for prolonged periods. The cement admixture of the invention contains an expanding material and an alumina-silicate with swelling properties. The cement admixture is combined with cement to form a cement composition. The cement composition is mixed with water and an aggregate to provide concrete with an excellent self-healing capability.

IPC 8 full level
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CPC (source: EP US)
C04B 28/02 (2013.01 - EP US); **Y02W 30/91** (2015.05 - EP US); **Y10S 106/04** (2013.01 - EP US)

Citation (search report)
• [X] EP 0353062 A2 19900131 - BLUE CIRCLE IND PLC [GB]
• [X] WO 9405737 A1 19940317 - FIRECOMP INC [US]
• [X] EP 1281692 A1 20030205 - NAT INST RURAL ENGINEERING [JP], et al
• See references of WO 2009102025A1

Citation (examination)
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